

Maryland Historical Trust

Maryland Inventory of Historic Properties Number: WA-I-178

Name: LESTER'S MUD RD. OVER LITTLE ANTIE TAM CREEK
W-2292 / STATE'S MUD BRIDGE

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridged received the following determination of eligibly.

MARYLAND HISTORICAL TRUST	
Eligibility Recommended <u> X </u>	Eligibility Not Recommended <u> </u>
Criteria: <u> A </u> <u> B </u> <u> C </u> <u> D </u> Considerations: <u> A </u> <u> B </u> <u> C </u> <u> D </u> <u> E </u> <u> F </u> <u> G </u> <u>None</u>	
Comments: _____ _____ _____	
Reviewer, OPS: <u> Anne E. Bruder </u>	Date: <u> 3 April 2001 </u>
Reviewer, NR Program: <u> Peter E. Kurtze </u>	Date: <u> 3 April 2001 </u>

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MARYLAND INVENTORY OF HISTORIC PROPERTIES
HISTORIC BRIDGE INVENTORY
MARYLAND STATE HIGHWAY ADMINISTRATION/
MARYLAND HISTORICAL TRUST

MHT No. WA-I-176

Name and SHA No. Strite's Mill Bridge (W2292)

Location:

Street/Road name and number [facility carried] Leiters Mill Road over Little Antietam Creek

City/town Leitersburg Vicinity X

County Washington

This bridge projects over: Road _____ Railway _____ Water X Land _____

Ownership: State _____ County X Municipal _____ Other _____

Is bridge located within a designated historic district? Yes _____ No X

National Register-listed district _____ National Register eligible district _____

Locally-designated district _____ Other _____

Name of District _____

Bridge Type:

Timber Bridge _____:

Beam Bridge _____ Truss-Covered _____ Trestle _____ Timber-And Concrete _____

Stone Arch X

Metal Truss Bridge _____

Movable Bridge _____:

Swing _____ Bascule Single Leaf _____ Bascule Multiple Leaf _____
Vertical Lift _____ Retractable _____ Pontoon _____

Metal Girder _____:

Rolled Girder _____ Rolled Girder Concrete Encased _____
Plate Girder _____ Plate Girder Concrete Encased _____

Metal Suspension _____

Metal Arch _____

Metal Cantilever _____

Concrete _____:

Concrete Arch _____ Concrete Slab _____ Concrete Beam _____ Rigid Frame _____

Other _____ Type Name _____

Description:**Describe Setting:**

This bridge is located in a rural setting just northwest of Leitersburg. The surrounding terrain is farmland, consisting of cornfields both northwest, west, and southeast of the bridge. There are gravel roads leading off Leiter's Mill Road at both the northwest and southeast wingwalls of the bridge.

Describe Superstructure and Substructure:

(Discuss points identified in Context Addendum, Section C)

This structure is a double span stone arch bridge constructed of uncoursed stone. Between the arches is a conical pier which has had some minor concrete work to repair scour at its base. The arches have dressed voussoirs and the bridge has parapet walls rising about 32 inches above the pavement. The parapet walls are topped with concrete caps.

This bridge has a sufficiency rating of: 49.9

Discuss major alterations:

Major repairs were undertaken by the county in 1982, when an underdrain system was installed, the stone repointed, and concrete caps installed on the parapets. A concrete collar was also installed at the base of the pier at this time.

History:

When Built: 1839

Why Built: Unknown

Who Built: John Weaver

Who Designed: Unknown

Why Altered: N/A

Was this bridge built as part of an organized bridge building campaign: no

Surveyor Analysis:

This bridge may have NR significance for association with:

☒ A Events ☐ B Person
☒ C Engineering/Architectural Character

Was bridge constructed in response to significant events in Maryland or local history?

This bridge may have been built specifically for access to Strite's Mill. Strite's Mill is northeast of the bridge (WA-I-177).

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth and development of the area?

This bridge provided an important transportation link for local commerce to and from Strite's Mill, a historic 19th century mill complex..

Is the bridge located in an area which may be eligible for historic designation and would the bridge add to or detract from the historic and visual character of the possible district?

The area immediately surrounding the bridge has no potential for designation as a historic district.

Is the bridge a significant example of its type?

Yes. The bridge is a significant example of an early 19th century stone masonry arch bridge. It is potentially eligible for the National Register under Criterion A for its association important events in local history, and Criterion C, as a highly intact example of an early stone arch bridge in Maryland.

Does the bridge retain integrity of important elements described in Context Addendum?

Yes. This bridge is in excellent condition, with no visible deterioration. The bridge possesses integrity of design, materials, setting, workmanship, association, and feeling.

Is the bridge a significant example of the work of the manufacturer, designer, and/or engineer and why?

Unknown.

Should this bridge be given further study before significance analysis is made and why?

No further evaluation is necessary to determine the National Register significance of this bridge.

Provide black and white prints and negatives and color slides of bridge, details, and setting labeled according to NR Bulletin 16A and Maryland Supplement to Bulletin 16A.

Provide a photocopy of USGS map illustrating the location of the bridge.

Surveyor:

Name:

David C. Berg

Date: 08/26/97

Organization:

Greenhorne & O'Mara

Address:

9001 Edmonston Road

Telephone: (410) 982-2800

Greenbelt, MD 20770

MARYLAND HISTORICAL TRUST WORKSHEET

MAGI # 2206813417

NOMINATION FORM
for the
NATIONAL REGISTER OF HISTORIC PLACES, NATIONAL PARKS SERVICE

SEE INSTRUCTIONS

1. NAME				
COMMON: Stone arch bridge, Leitersburg				
AND/OR HISTORIC: Leitersburg Bridge #2, Strite's Mill Bridge				
2. LOCATION				
STREET AND NUMBER: Leitersburg - State Line Road and Antietam Creek				
CITY OR TOWN: Leitersburg vicinity				
STATE Maryland			COUNTY: Washington	
3. CLASSIFICATION				
CATEGORY (Check One)	OWNERSHIP		STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input type="checkbox"/> Building <input type="checkbox"/> Site <input checked="" type="checkbox"/> Structure <input type="checkbox"/> Object	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Both	Public Acquisition: <input type="checkbox"/> In Process <input type="checkbox"/> Being Considered	<input type="checkbox"/> Occupied <input type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress	Yes: <input type="checkbox"/> Restricted <input checked="" type="checkbox"/> Unrestricted <input type="checkbox"/> No
PRESENT USE (Check One or More as Appropriate)				
<input type="checkbox"/> Agricultural <input type="checkbox"/> Commercial <input type="checkbox"/> Educational <input type="checkbox"/> Entertainment	<input type="checkbox"/> Government <input type="checkbox"/> Industrial <input type="checkbox"/> Military <input type="checkbox"/> Museum	<input type="checkbox"/> Park <input type="checkbox"/> Private Residence <input type="checkbox"/> Religious <input type="checkbox"/> Scientific	<input checked="" type="checkbox"/> Transportation <input type="checkbox"/> Other (Specify) _____	<input type="checkbox"/> Comments _____
4. OWNER OF PROPERTY				
OWNER'S NAME: Board of County Commissioners of Washington County				
STREET AND NUMBER: Washington County Court House				
CITY OR TOWN: Hagerstown			STATE: Maryland	
5. LOCATION OF LEGAL DESCRIPTION				
COURTHOUSE, REGISTRY OF DEEDS, ETC: Washington County Court House				
STREET AND NUMBER: West Washington Street				
CITY OR TOWN: Hagerstown			STATE: Maryland	
Title Reference of Current Deed (Book & Pg. #):				
6. REPRESENTATION IN EXISTING SURVEYS				
TITLE OF SURVEY:				
DATE OF SURVEY: <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Local				
DEPOSITORY FOR SURVEY RECORDS:				
STREET AND NUMBER:				
CITY OR TOWN:			STATE:	

7. DESCRIPTION	
CONDITION	<div>(Check One)</div> <div> <input checked="" type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Deteriorated <input type="checkbox"/> Ruins <input type="checkbox"/> Unexposed </div>
	<div>(Check One)</div> <div> <input checked="" type="checkbox"/> Altered <50% <input type="checkbox"/> Unaltered </div> <div>(Check One)</div> <div> <input type="checkbox"/> Moved <input checked="" type="checkbox"/> Original Site </div>
DESCRIBE THE PRESENT AND ORIGINAL (If known) PHYSICAL APPEARANCE	
<p>The stone arch bridge at Leitersburg carries the Leitersburg-State Line Road across the Antietam Creek just north of Leitersburg in Washington County, Maryland.</p> <p>Crossing the Antietam at a relatively narrow width, the bridge required only two arches. It is constructed of coursed local fieldstones. The segmental arches of unequal height are lined with carefully dressed voussoirs. The arches are set low in the water with a rounded conical pier on the southwest elevation of the bridge. The curtain walls are topped with concrete. The bridge shows evidence of repointing.</p> <p>According to historians, Strite's Mill bridge was constructed in 1839 by John Weaver. Northeast of the bridge is the site of Strite's mill. Part of the mill complex is now in use as a dwelling. (See form WA-I-177.)</p> <p>The bridge appears to be in good to excellent condition.</p>	

SEE INSTRUCTIONS

1-A

8. SIGNIFICANCE

PERIOD (Check One or More as Appropriate)

- ☐ Pre-Columbian ☐ 16th Century ☐ 18th Century ☐ 20th Century
☐ 15th Century ☐ 17th Century ☒ 19th Century

SPECIFIC DATE(S) (If Applicable and Known) 1839

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> Aboriginal | <input type="checkbox"/> Education | <input type="checkbox"/> Political | <input type="checkbox"/> Urban Planning |
| <input type="checkbox"/> Prehistoric | <input checked="" type="checkbox"/> Engineering | <input type="checkbox"/> Religion/Phi- | <input type="checkbox"/> Other (Specify) |
| <input type="checkbox"/> Historic | <input type="checkbox"/> Industry | lasophy | _____ |
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> Invention | <input type="checkbox"/> Science | _____ |
| <input checked="" type="checkbox"/> Architecture | <input type="checkbox"/> Landscape | <input type="checkbox"/> Sculpture | _____ |
| <input type="checkbox"/> Art | Architecture | <input type="checkbox"/> Social/Human- | _____ |
| <input checked="" type="checkbox"/> Commerce | <input type="checkbox"/> Literature | itarian | _____ |
| <input type="checkbox"/> Communications | <input type="checkbox"/> Military | <input type="checkbox"/> Theater | _____ |
| <input type="checkbox"/> Conservation | <input type="checkbox"/> Music | <input checked="" type="checkbox"/> Transportation | _____ |

STATEMENT OF SIGNIFICANCE

The stone arch bridge at Leitersburg is significant for its architecture and as a monument to early 19th century engineering ability. It is also important for its contribution to 19th century commerce being located near a grist mill and as aiding transportation from 1839 to the present.

Stone arch bridges appear to have been used rather frequently to span the creeks of Washington County, Md. and nearby Franklin County, Pa. Outside these two counties comprising the lower Cumberland Valley, stone arch bridges are uncommon. Many of the Franklin County, Pa. bridges have been destroyed. Washington County, however, has managed to retain most of its stone bridges. A majority of the stone arch bridges were constructed between 1820 and 1850 and were chosen over wooden bridges at the insistence of the Maryland legislature because of their durability. Architecturally, the bridges represent a form of building in stone indigenous to the Cumberland Valley. In Pennsylvania and Maryland can be seen the liberal use of stone as a building material for dwellings, barn, mills and bridges. This extensive use of stone is not so prevalent in other areas.

This bridge is representative of other stone arch bridges and reflects the engineering capabilities of the second quarter of the 19th century. Having withstood floods and a volume of traffic much greater and heavier than they were designed to carry, the bridges are monuments to the 19th century bridge builders.

The Strite's mill bridge was built by John Weaver who was also responsible for the famous Burnside's Bridge as well as several other spans over the Antietam and Conococheague Creeks. Other bridge builders in the county were the Lloyds, Charles Wilson and Silas Harry.

Many of the stone arch bridges were constructed at established crossing areas, often near mills. Since mills were centers of early commerce and became as well places for social gathering, it is understandable that roads leading to mills were well traveled and were among the first to receive durable bridges.

SEE INSTRUCTIONS

9. MAJOR BIBLIOGRAPHICAL REFERENCES

Hays, Helen Ashe, The Antietam and Its Bridges, New York: G. P. Putnam's Sons, 1910.

Washington County Museum of Fine Arts, exhibition catalog, "Bridges: Our Legacy in Stone," August-September, 1965. (Catalog by David T. Cottingham.)

10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			OR	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
	Degrees Minutes Seconds	Degrees Minutes Seconds		Degrees Minutes Seconds	Degrees Minutes Seconds	
NW	° ' "	° ' "		° ' "	° ' "	
NE	° ' "	° ' "		° ' "	° ' "	
SE	° ' "	° ' "		° ' "	° ' "	
SW	° ' "	° ' "		° ' "	° ' "	

APPROXIMATE ACREAGE OF NDMINATED PROPERTY:

Acreage Justification:

SEE INSTRUCTIONS

11. FORM PREPARED BY

NAME AND TITLE:

Paula Stoner Dickey, Consultant

ORGANIZATION

Washington County Historical Sites Survey

DATE

March, 1975

STREET AND NUMBER:

Court House Annex

CITY OR TOWN:

Hagerstown

STATE

Maryland

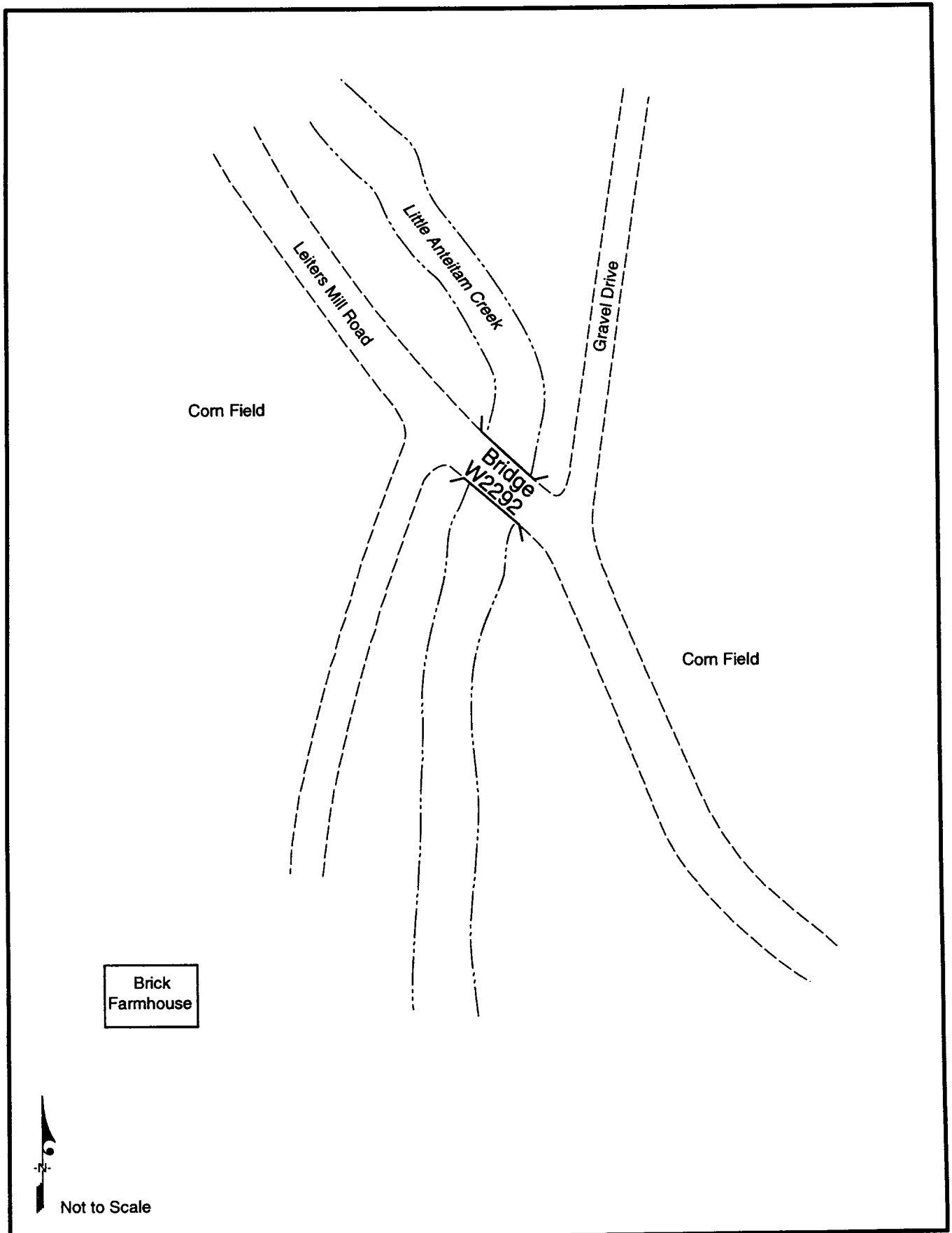
12.

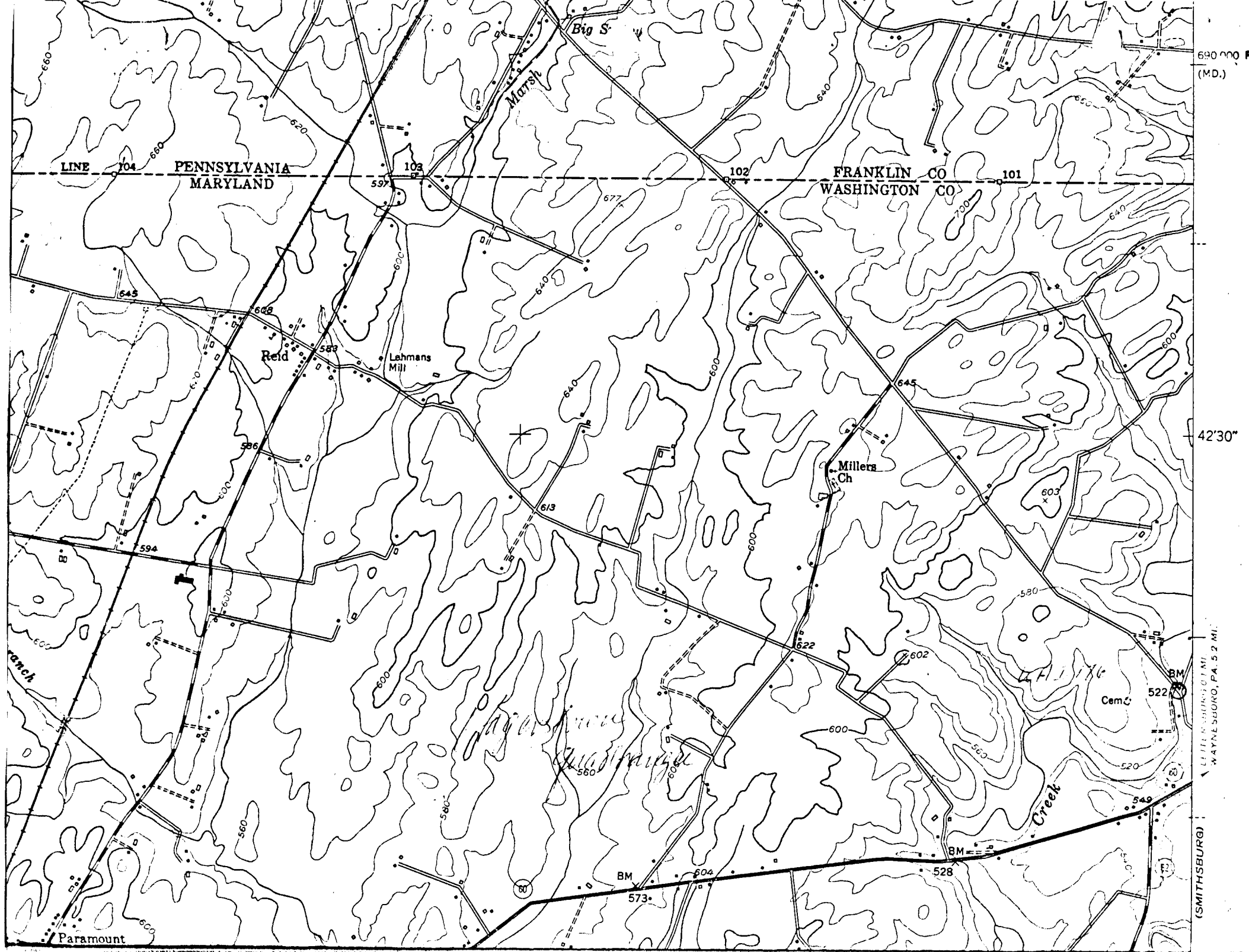
State Liaison Officer Review: (Office Use Only)

Significance of this property is:

National ☐ State ☐ Local ☐

Signature _____







WA-I-176 - to -02 Mill Bridge (2012)

Washington County, Maryland

David Berg

8/97

Maryland State Highway Administration

East Elberton

1 of 5



WA-I-176

Strites Mill Bridge (W2292)

Washington County, Maryland

8/97 David Berg

Maryland State Highway Administration

West Elevation

2 of 5



WA-1-176

Strite's Mill Bridge (W 2292)

Washington County, Maryland

8/97 David Berry

Maryland State Highway Administration

North Elevation

3 of 5



WA-1 176

Severeston Bridge (W 2292)

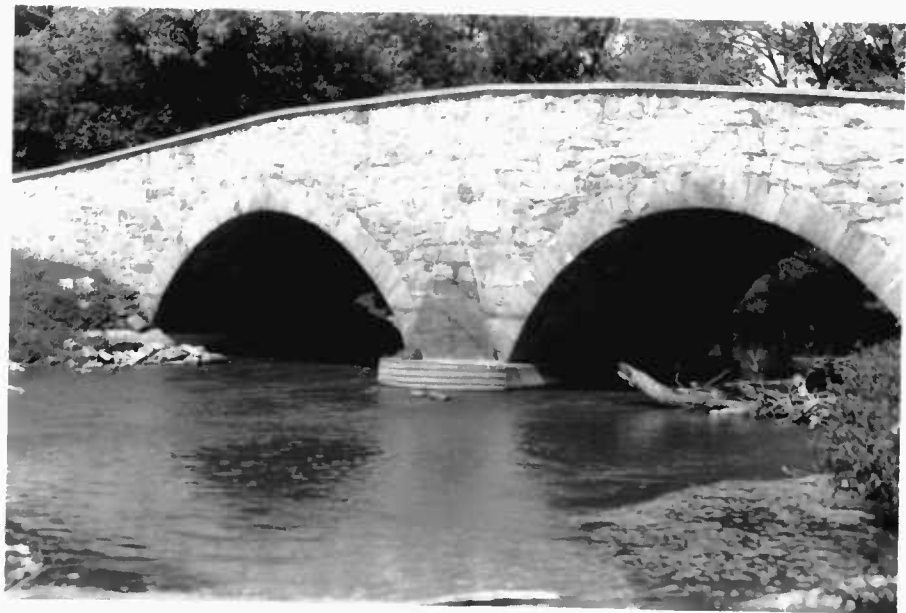
Washington County, Maryland

8/27 David Berg

Maryland State Highway Administration

South Elmore

2 of 5



WA-3-176

Stuart's Mill Bridge (W 2192)

Washington County, Maryland

David Berg

8/97

Maryland State Highway Administration

Overal. South Elevation

1 of 5



WA-1-176

Strite's Mill Bridge

Survey of the

bridge

from the mill race to the river

1875

1876

1877



WA-1-176

Strite's Mill Bridge



WA-1-176

Strite's Mill Bridge

Strite's Mill Bridge
WA-1-176
Strite's Mill Bridge
2. 6. 1900
- 1. 1. 1901
1. 1. 1901
-



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HISTORICAL SITES SURVEY



